

STATE OF CALIFORNIA
California Energy Commission

Minutes of the August 11, 2010, Energy Commission Business Meeting.

The meeting was called to order at 10:05 by Chairman Karen Douglas. The Pledge of Allegiance was led by Chairman Douglas.

Present:

Karen Douglas, Chairman
James D. Boyd, Vice Chair
Jeffrey Byron, Commissioner

Robert B. Weisenmiller, Commissioner
Anthony Eggert, Commissioner

1. **CONSENT CALENDAR.** (Items on the Consent Calendar will be taken up and voted on as a group. A commissioner may request that an item be moved and discussed later in the meeting.)
 - a. **CMC ENGINEERING.** Possible approval of Amendment 1 to Agreement PIR-07-005 with CMC Engineering to relocate the site for a packaged microturbine/boiler combined heat and power system to complete this research demonstration. There is no change in the budget or the contract term. Contact: Mike Kane.
 - b. **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA – CALIFORNIA INSTITUTE FOR ENERGY AND ENVIRONMENT.** Possible approval of Amendment 2 to Work Authorization UC MRA-02-045 under contract 500-02-004 with The Regents of the University of California, California Institute for Energy and Environment for additional time to acquire a new partner and a new site for West Coast Regional Carbon Sequestration, Phase II. There is no change to the original tasks identified in Work Authorization 045. Contact: Consuelo Sichon.
 - c. **CITY OF INDIAN WELLS.** Possible approval of Amendment 1 to Agreement 018-09-ECE-ARRA to change the end term of the loan from June 30, 2012, to March 31, 2012. Contact: Joseph Wang.

Commissioner Byron moved and Vice Chair Boyd seconded approval of the Consent Calendar. The vote was unanimous. (5-0)

2. **2010-2011 INVESTMENT PLAN FOR THE ALTERNATIVE AND RENEWABLE FUEL AND VEHICLE TECHNOLOGY PROGRAM.** Possible adoption of the 2010-2011 Investment Plan for the Alternative and Renewable Fuel and Vehicle Technology Program. The purpose of the program is to develop and deploy innovative technologies that transform California's fuel and vehicle types to help attain the state's climate change goals. The Energy Commission is required to develop and adopt the Investment Plan to determine priorities and opportunities for the program, describe how funding will complement existing public and private investments, and serve as a guide for funding decisions. Contact: Pat Perez. (15 minutes)

Vice Chair Boyd moved and Commissioner Eggert seconded approval of the Investment Plan. The vote was unanimous. (5-0)

3. PIO PICO ENERGY CENTER (10-AFC-1). Contact Eric Solorio. (10 minutes)

- a. Possible approval of the Executive Director's data adequacy recommendation for the Pio Pico Energy Center, a 300 megawatt simple-cycle electrical generating facility to be located on 13 acres of undisturbed land along the southeastern city boundary of the City of Chula.

Commissioner Weisenmiller moved and Commissioner Byron seconded approval of the Executive Director's recommendation that the Pio Pico project be found data inadequate at this time. The vote was unanimous. (5-0)

- b. Possible appointment of a siting committee for the Pio Pico Energy Center.

The project having been found data inadequate, no action was taken on Item 3b.

4. LA PALOMA GENERATING PROJECT (98-AFC-2C). Possible approval of a petition to amend the La Paloma Generating Project to modify the cooling tower PM10 emission limit contained in Condition of Certification AQ-51 due to increased levels of TDS in the source water supply for the facility. Contact: Mary Dyas. (10 minutes)

Commissioner Weisenmiller moved and Commissioner Eggert seconded approval of the petition. The vote was unanimous. (5-0)

5. RUSSELL CITY ENERGY CENTER (01-AFC-7C). Possible approval of a petition to amend the Russell City Energy Center project to include three additional laydown areas, re-route the potable water supply and sanitary sewer pipelines and updating the Conditions of Certification concerning air quality to meet current best available control technology standards. Contact: Mary Dyas. (30 minutes)

Commissioner Weisenmiller moved and Vice Chair Boyd seconded approval of the petition. The vote was unanimous. (5-0)

6. BRUCE WILCOX. Possible approval of Contract 500-10-014 for \$1,882,125 with Bruce Wilcox to study energy use in existing homes in or near Stockton, California. The research involves using building simulation modeling to determine building energy use with and without energy efficiency features, developing packages of cost-effective energy efficiency upgrades for the test homes, and developing improvements to the Home Energy Rating System. (PIER electricity and natural gas funding.) Contact: David Weightman. (5 minutes)

Commissioner Eggert moved and Commissioner Byron seconded approval of Contract 500-10-014. The vote was unanimous. (5-0)

7. DAVIS ENERGY GROUP, INC. Possible approval of Contract 500-10-015 for \$1,224,994 with Davis Energy Group, Inc., to create and demonstrate a large scale residential retrofit program in Stockton, Pleasanton and Dublin, California. This project has the potential of reducing household energy use by 50 percent, and will include retrofit

designs based upon building science, retrofit contractor training, quality control, and financing. (PIER electricity and natural gas funding.) Contact: Beth Chambers. (5 minutes)

Commissioner Eggert moved and Commissioner Byron seconded approval of Contract 500-10-015. The vote was unanimous. (5-0)

8. CASCADE CLEAN ENERGY, INC. Possible approval of Agreement PIR-10-011 for a grant of \$400,000 to Cascade Clean Energy, Inc., to demonstrate the use of different strains of bacteria to enhance methane production at a pilot-scale anaerobic digester located at a wastewater treatment plant in Dublin, California. This project could increase methane production by 30 percent and maximize the recovery of renewable energy from wastewater and sludge. (PIER electricity and natural gas funding.) Contact: Kiel Pratt. (5 minutes)

Vice Chair Boyd moved and Commissioner Byron seconded approval of Agreement PIR-10-011. The vote was unanimous. (5-0)

9. CALIFORNIA COMMUNITY COLLEGES CHANCELLOR'S OFFICE. Possible approval of Contract 600-10-001 for \$265,780 with the California Community Colleges Chancellor's Office to develop a sustainability plan template. This template will serve as a high-level policy document or 'roadmap' to guide the California Community College Districts toward a sustainable future by addressing technical issues and developing strategies for sustainability. (PVEA-LJEAA funding.) Contact: Amir Ehyai. (5 minutes)

Commissioner Byron moved and Vice Chair Boyd seconded approval of Contract 600-10-001. The vote was unanimous. (5-0)

10. PAX SCIENTIFIC, INC. Possible approval of Agreement PIR-10-020 for a grant of \$299,265 to develop server fans that will reduce fan power consumption in data centers by approximately 15 percent. (PIER electricity funding.) Contact: Paul Roggensack. (5 minutes)

Item 10 was moved to the August 25 agenda.

11. **Minutes:** August 6, 2010, Business Meeting Minutes.

Vice Chair Boyd moved and Commissioner Weisenmiller seconded approval of the Minutes. The vote was 3-0-2. Commissioners Byron and Eggert abstained.

12. **Commission Committee Presentations and Discussion:** None.
13. **Chief Counsel's Report:** Chief Counsel Michael Levy gave the report and requested a closed session to discuss *Western Riverside Council of Governments v. Department of General Services* (Riverside County Superior Court RIC10005849) pursuant to Government Code Section 11126(e).
14. **Executive Director's Report:** None.
15. **Public Adviser's Report:** None.

16. **Public Comment:** None.

17. **Internal Organization and Policy.** None.

Appearances:

Mr. Andy Panson, California Air Resources Board

Mr. Tim Carmichael, AB 118 Advisory Group

Ms. Gail Steele

Mr. Gregory Wheatland, Ellison Schneider & Harris, LLP

Mr. Ernest Pacheco, Citizens Against Pollution

Mr. Gary Cathey, California Department of Transportation

Ms. Jewell Hargleroad, on behalf of Chabot Las Positas Community College District

Mr. Robert Simpson

Ms. Carol Ford, California Pilots Association

Mr. Andrew Wilson, Californians Against Pollution

Mr. Robert Sarvey

Mr. John McKinsey, Stoell Rives, LLP

Mr. Gary Chandler, Apex Power Group

Mr. Greg Darvin, Calpine

Mr. George Nesbitt, Environment Design

Mr. Mark Berman, Davis Energy Group

There being no further business, the meeting was adjourned to closed session.

Respectfully submitted,

HARRIET KALLEMEYN
Secretary to the Commission